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(57) Abstract: A novel member of the RAET1/ULBP family of proteins (RAET1G) is identified and characterised and shown to bind the UL16 and NKG2D receptors with high affinity. RAET1G exhibits restricted expression in normal tissues but exhibits high levels of expression in tumours and may be differentially spliced in cancer cells to produce a soluble protein. RAET1G is also up-regulated in inflammatory diseases such as coeliac disease. RAET1G may be used as a novel marker for disease conditions including cancer conditions and inflammatory diseases.



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